

Amendments to the Drawings

The attached sheet of drawing 1 includes changes to Figure 4b. Figures 6a and 6b have been deleted. Sheet 1 which includes Figures 4a, 4b, 5a, and 5b, replaces the original sheet including Figures 4a, 4b, 5a and 5b. In Figure 4b, variable N extending from pipeline stage PS to DC has been added. The original sheet including Figures 6a and 6b has been eliminated. Figures 6a and 6b have been deleted and are no longer present in the application.

Attachments: Replacement Sheet 1
Annotated Sheets 1-2 Showing Changes

OPCODE

[illegible]

NAME	z	scst12
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WIDTH	3	1	12	3	1	10	1	1
1	1	1	1	1	1	1	1	1
2	1	1	1	1	1	1	1	1
3	1	1	1	1	1	1	1	1
4	1	1	1	1	1	1	1	1
5	1	1	1	1	1	1	1	1
6	1	1	1	1	1	1	1	1
7	1	1	1	1	1	1	1	1
8	1	1	1	1	1	1	1	1
9	1	1	1	1	1	1	1	1
10	1	1	1	1	1	1	1	1
11	1	1	1	1	1	1	1	1
12	1	1	1	1	1	1	1	1
13	1	1	1	1	1	1	1	1
14	1	1	1	1	1	1	1	1
15	1	1	1	1	1	1	1	1
16	1	1	1	1	1	1	1	1
17	1	1	1	1	1	1	1	1
18	1	1	1	1	1	1	1	1
19	1	1	1	1	1	1	1	1
20	1	1	1	1	1	1	1	1
21	1	1	1	1	1	1	1	1
22	1	1	1	1	1	1	1	1
23	1	1	1	1	1	1	1	1
24	1	1	1	1	1	1	1	1
25	1	1	1	1	1	1	1	1
26	1	1	1	1	1	1	1	1
27	1	1	1	1	1	1	1	1
28	1	1	1	1	1	1	1	1
29	1	1	1	1	1	1	1	1
30	1	1	1	1	1	1	1	1
31	1	1	1	1	1	1	1	1
32	1	1	1	1	1	1	1	1
33	1	1	1	1	1	1	1	1
34	1	1	1	1	1	1	1	1
35	1	1	1	1	1	1	1	1
36	1	1	1	1	1	1	1	1
37	1	1	1	1	1	1	1	1
38	1	1	1	1	1	1	1	1
39	1	1	1	1	1	1	1	1
40	1	1	1	1	1	1	1	1
41	1	1	1	1	1	1	1	1
42	1	1	1	1	1	1	1	1
43	1	1	1	1	1	1	1	1
44	1	1	1	1	1	1	1	1
45	1	1	1	1	1	1	1	1
46	1	1	1	1	1	1	1	1
47	1	1	1	1	1	1	1	1
48	1	1	1	1	1	1	1	1
49	1	1	1	1	1	1	1	1
50	1	1	1	1	1	1	1	1
51	1	1	1	1	1	1	1	1
52	1	1	1	1	1	1	1	1
53	1	1	1	1	1	1	1	1
54	1	1	1	1	1	1	1	1
55	1	1	1	1	1	1	1	1
56	1	1	1	1	1	1	1	1
57	1	1	1	1				

FIG. 4a

PIPELINE STAGE	E1	PS	PW	PR	DP	DC	E1
READ	src2						
UNWRITTEN	PC						
BRANCH TAKEN							
UNIT IN USE	.S						



FIG. 4b

PIPELINE STAGE	E1	PS	PW	PR	DP	DC	E1
READ	stc2						
WRITTEN	PC						
BRANCH TAKEN							X
UNIT IN USE	.S2						

FIG. 5b

OPCODE

[illegible]

NAME	z	0	0	0	1	src2	0	0	ucst3	x	0	0	1	1	0	0	0	1	p
NAME	creg	z	0	0	0	1	src2	0	0	ucst3	x	0	0	1	1	0	0	0	1

WIDTH	3	1	5	5	2	3	1	10	11
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FIG. 5a

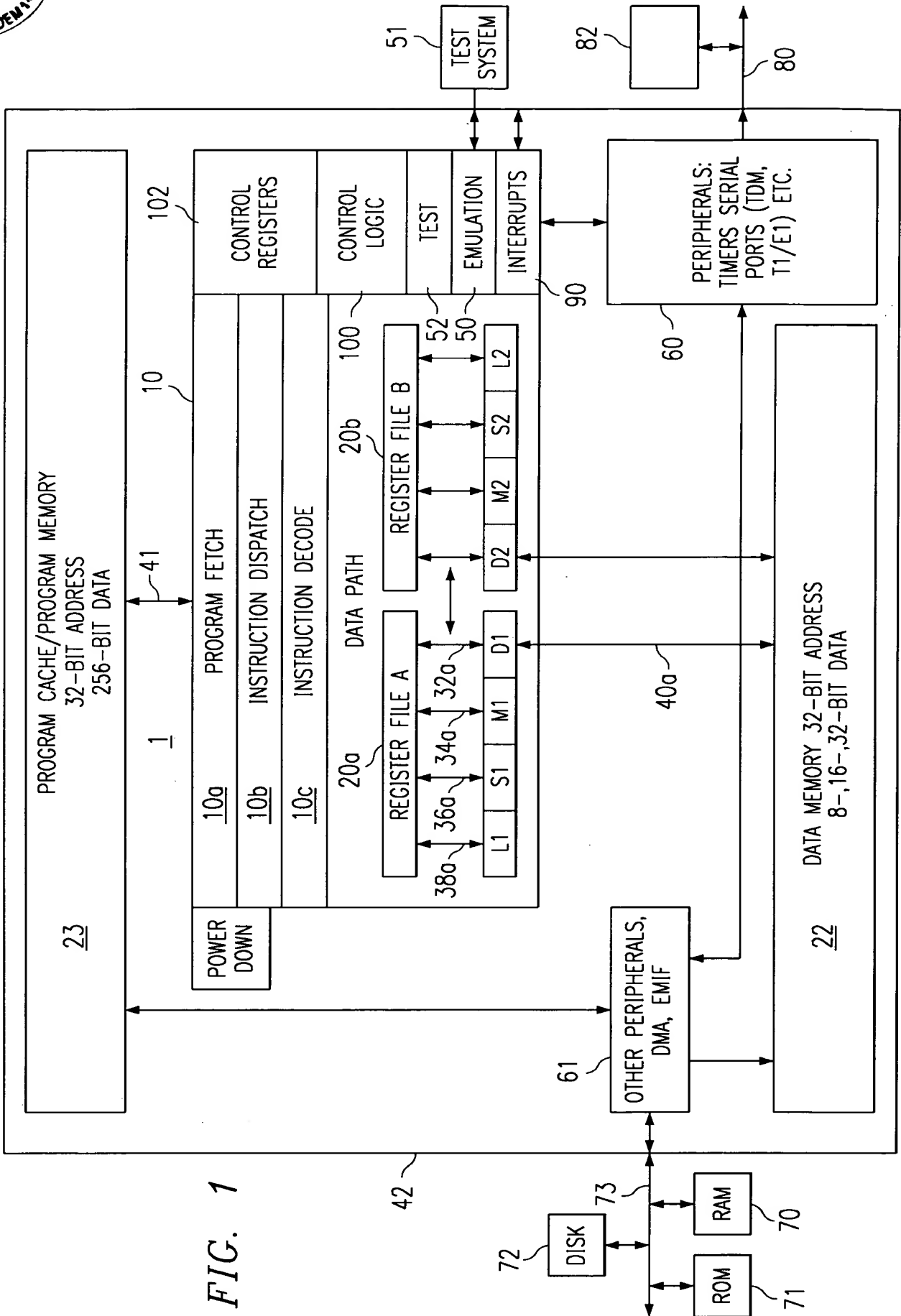
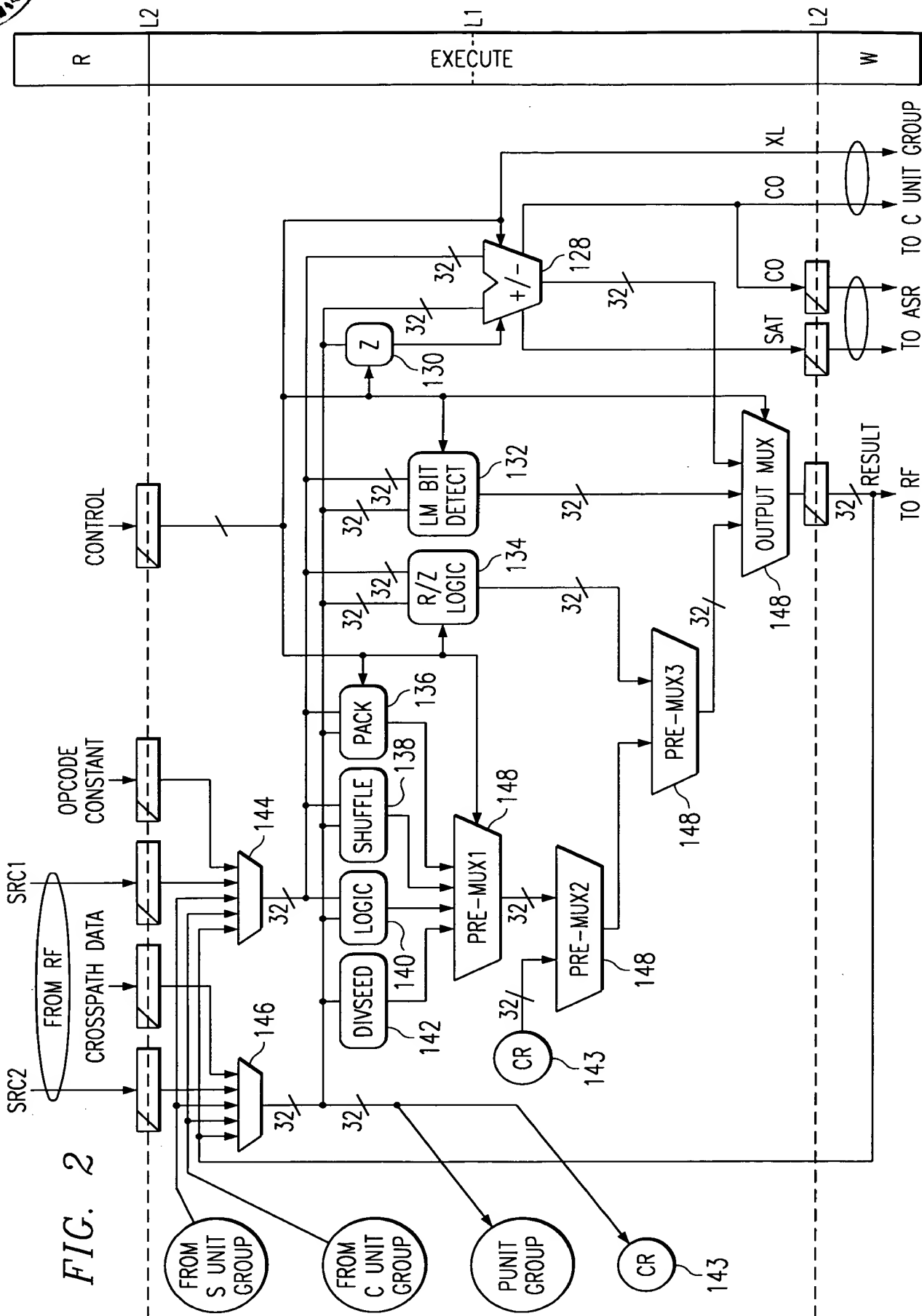
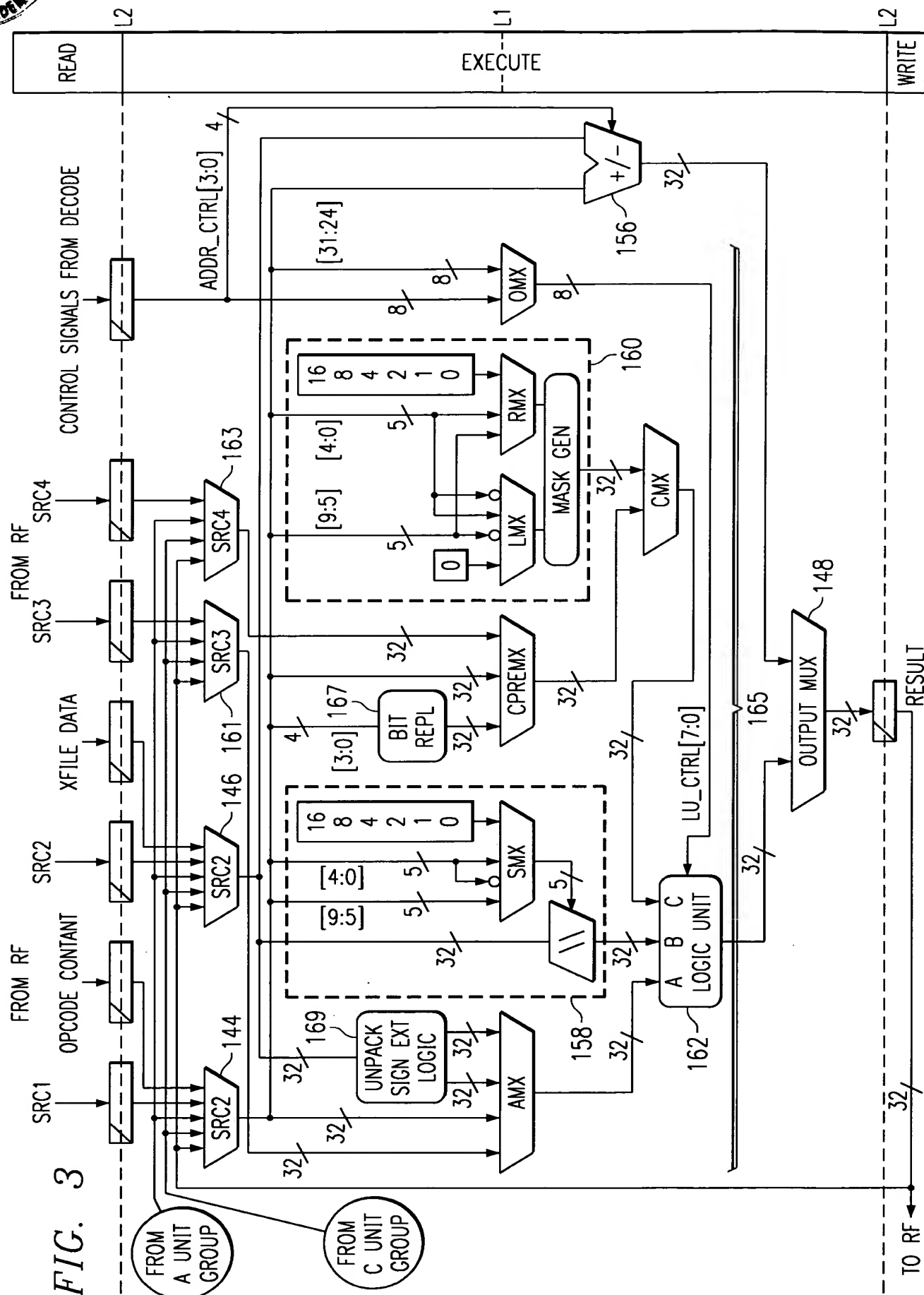


FIG. 1







OPCODE																																		
OFFSET	31	30	29	28	27	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	0		
NAME	creg		z	scst12		ucst3																												
WIDTH	3		1	12		3		1		10		1																						

FIG. 4a

PIPELINE STAGE	E1	PS	PW	PR	DP	DC	E1
READ	src2						
WRITTEN	PC						
BRANCH TAKEN	X						
UNIT IN USE	.S2						

FIG. 4b

OPCODE																																		
OFFSET	31	30	29	28	27	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	0		
NAME	creg		z	0	0	0	0	0	1	src2		0	0	ucst3		x	0	0	0	1	1	0	1	1	0	1	0	0	0	1	p			
WIDTH	3		1	5		2		3		1		10		1																				

FIG. 5a

FIG. 5b